

Appl. No.: 10/090,166
Supplemental Amendment under 37 C.F.R. § 1.114(c)

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A resin sheet ~~containing dispersed particles~~ for use in a liquid crystal display, close to a liquid crystal layer; the resin sheet comprising, which comprises a hard coat layer, a base layer, and a reflecting layer, in that order; the reflecting layer comprises a thin metal layer; wherein the base layer comprises an epoxy resin layer comprising 100 parts by weight of an epoxy resin and up to 200 parts by weight of a diffuser having a refractive index different from that of the epoxy resin and having an average particle diameter of from 0.2 to 100 μm , and the reflecting layer comprises a thin metal layer, wherein the diffuser localizes so as to have a concentration distribution in the direction of the thickness of the epoxy resin layer, and wherein the localization distributes the diffuser only in a region close to the liquid crystal layer, whereby a light-diffusing function is imparted to improve visibility.

2. (currently amended): The resin sheet ~~containing dispersed particles~~ of claim 1, wherein the epoxy resin layer consists of a single layer or comprises superposed layers comprising a diffuser-containing layer and a diffuser-free layer adhered thereto.

3. (currently amended): The resin sheet ~~containing dispersed particles~~ of claim 1, wherein the epoxy resin layer is an outermost layer and the diffuser localizes on the outermost side of the epoxy resin layer, the outermost-side surface of the epoxy resin layer being smooth.

Appln. No.: 10/090,166
Supplemental Amendment under 37 C.F.R. § 1.114(c)

4. (currently amended): The resin sheet ~~containing dispersed particles~~ of claim 1, wherein the difference in refractive index between the diffuser and the epoxy resin is from 0.03 to 0.10.

5. (currently amended): The resin sheet ~~containing dispersed particles~~ of claim 1, which has an oxygen permeability of $0.3 \text{ cc/m}^2 \cdot 24 \text{ h} \cdot \text{atm}$ or lower.

6. (currently amended): A liquid crystal display which uses the resin sheet ~~containing dispersed particles~~ of claim 1.

7. (currently amended): A resin sheet ~~containing dispersed particles~~ for use in a liquid crystal display, close to a liquid crystal layer; the resin sheet comprising, which comprises a hard coat layer, a base layer, and an inorganic gas barrier layer, in that order[[.]]; wherein the base layer comprises an epoxy resin layer comprising 100 parts by weight of an epoxy resin and up to 200 parts by weight of a diffuser having a refractive index different from that of the epoxy resin and having an average particle diameter of from 0.2 to 100 μm , wherein the diffuser localizes so as to have a concentration distribution in the direction of the thickness of the epoxy resin layer, and wherein the localization distributes the diffuser only in a region close to the liquid crystal layer, whereby a light-diffusing function is imparted to improve visibility.

8. (currently amended): The resin sheet ~~containing dispersed particles~~ of claim 7, wherein the epoxy resin layer consists of a single layer or comprises superposed layers comprising a diffuser-containing layer and a diffuser-free layer adhered thereto.

Appln. No.: 10/090,166

Supplemental Amendment under 37 C.F.R. § 1.114(c)

9. (currently amended): The resin sheet ~~containing dispersed particles~~ of claim 7, wherein the epoxy resin layer is an outermost layer and the diffuser localizes on the outermost side of the epoxy resin layer, the outermost-side surface of the epoxy resin layer being smooth.

10. (currently amended): The resin sheet ~~containing dispersed particles~~ of claim 7, wherein the difference in refractive index between the diffuser and the epoxy resin is from 0.03 to 0.10.

11. (currently amended): The resin sheet ~~containing dispersed particles~~ of claim 7, wherein the inorganic gas barrier layer comprises a silicon oxide in which the ratio of the number of oxygen atoms to that of silicon atoms is from 1.5 to 2.0.

12. (currently amended): The resin sheet ~~containing dispersed particles~~ of claim 7, wherein the inorganic gas barrier layer comprises a silicon nitride in which the ratio of the number of nitrogen atoms to that of silicon atoms is from 1.0 to 4/3.

13. (currently amended): The resin sheet ~~containing dispersed particles~~ of claim 7, wherein the inorganic gas barrier layer has a thickness of from 5 to 200 nm.

14. (currently amended): The resin sheet ~~containing dispersed particles~~ of claim 7, which has a moisture permeability of $10 \text{ g/m}^2 \cdot 24 \text{ h} \cdot \text{atm}$ or lower.

15. (currently amended): A liquid crystal display which uses the resin sheet ~~containing dispersed particles~~ of claim 7.

16. (currently amended): A resin sheet ~~containing dispersed particles~~ for use in a liquid crystal display, close to a liquid crystal layer; the resin sheet comprising, which comprises a hard coat layer, a color filter layer, a gas barrier layer, and a base layer, in that order[.]; ~~wherein~~

Appln. No.: 10/090,166
Supplemental Amendment under 37 C.F.R. § 1.114(c)

the base layer comprises an epoxy resin layer comprising 100 parts by weight of an epoxy resin and up to 200 parts by weight of a diffuser having a refractive index different from that of the epoxy resin and having an average particle diameter of from 0.2 to 100 μm , wherein the diffuser localizes so as to have a concentration distribution in the direction of the thickness of the epoxy resin layer, and wherein the localization distributes the diffuser only in a region close to the liquid crystal layer, whereby a light-diffusing function is imparted to improve visibility.

17. (currently amended): The resin sheet ~~containing dispersed particles~~ of claim 16, wherein the epoxy resin layer consists of a single layer or comprises superposed layers comprising a diffuser-containing layer and a diffuser-free layer adherent thereto.

18. (currently amended): The resin sheet ~~containing dispersed particles~~ of claim 16, wherein the epoxy resin layer is an outermost layer and the diffuser localizes on the outermost side of the epoxy resin layer, the outermost-side surface of the epoxy resin layer being smooth.

19. (currently amended): The resin sheet ~~containing dispersed particles~~ of claim 16, wherein the difference in refractive index between the diffuser and the epoxy resin is from 0.03 to 0.10.

20. (canceled).

21. (canceled).

22 (canceled).

23 (canceled).

24 (canceled).

Appln. No.: 10/090,166

Supplemental Amendment under 37 C.F.R. § 1.114(c)

25. (currently amended): A liquid crystal display which uses the resin sheet ~~containing~~
~~dispersed particles of claim 16.~~